

# HISTORIC PROPERTY INVENTORY FORM

## IDENTIFICATION SECTION

**Field Site No.** 3614-A **OAHP No.** **Date Recorded** 28 Dec 1994  
**Site Name Historic** River Monitoring Station **Revised** 3 June 1997  
**Common**  
**Field Recorder** M.E. Crist, I.C. Lindsay  
**Owner's Name** U.S. Department of Energy, Richland Operations Office  
**Address** P.O. Box 550  
**City/State/Zip Code** Richland, WA 99352

### Status

- ☒ Survey/Inventory  
☐ National Register  
☐ State Register  
☐ Determined Eligible  
☐ Determined Not Eligible  
☐ Other (HABS, HAER, NHL)  
☐ Local Designation

### Photography

HCRL  
Photography Neg. No. Roll 183, frames 16-19  
(Roll No. & Frame No.)  
View of All exterior facades  
Date 28 December 1994  
Photo at right: Roll 183, frame 16  
View of south facade

### Classification

☐ District ☐ Site ☒ Building ☐ Structure ☐ Object  
**District Status** ☒ NR ☐ SR ☐ LR ☐ INV  
**Contributing** ☒ **Non-Contributing** ☐  
**District/Thematic Nomination Name** Hanford Site Manhattan Project and Cold War Era Historic District

## Description Section

### Materials & Features/Structural Types

**Building Type** Industry  
**Plan** Square  
**Structural System** Wood frame  
**No. of Stories** One

### Roof Type

☒ Gable ☐ Hip  
☐ Flat ☐ Pyramidal  
☐ Monitor ☐ Other (specify)  
☐ Gambrel  
☐ Shed

### Cladding (exterior Wall Surfaces)

- ☐ Log  
☐ Horizontal Wood Siding  
Rustic/Drop ☐  
Clapboard ☐  
☐ Wood Shingle  
☐ Board and Batten  
☐ Vertical Board  
☐ Asbestos/Asphalt  
☐ Brick  
☐ Stone  
☐ Stucco  
☐ Terra Cotta  
☐ Concrete/Concrete Block  
☐ Aluminum Siding  
☒ Metal (specify) Steel panels  
☐ Other (specify)

### Roof Material

☐ Wood Shingle  
☐ Wood Shake  
☐ Composition  
☐ Slate  
☐ Tar/Built-up  
☐ Tile  
☒ Metal (specify) Steel panels  
☐ Other (specify)  
☐ Not visible

### Foundation

☐ Log ☐ Concrete  
☐ Post & Pier ☐ Block  
☐ Stone ☒ Poured  
☐ Brick ☐ Other (specify)  
☐ Not visible

### Integrity

(Include detailed description in  
**Description of Physical Appearance**)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

State of Washington, Department of Community Development  
Office of Archaeology and Historic Preservation  
111 21st Avenue Southwest, Post Office Box 48343  
Olympia, Washington 98504-8343 (206)753-4011

## LOCATION SECTION

**Address** Building 3614-A, 300 Area  
**City/Town/County/Zip Code** Richland/Benton County/99352  
**Twp. 10 N Range 28 E Section 11 1/4 Section NW 1/4 1/4 Sec**  
**Tax No./Parcel No.** **Acreage**  
**Quadrangle or map name** Richland, Washington Quad. - 7.5 min series  
**UTM References Zone 11 Easting 324460 Northing 5137860**  
**Plat/Block/Lot** 325310 5137820  
**Supplemental Map(s)** 325550 5136690  
324440 5136720



### High Styles/Forms (Check one or more of the following)

- |   |   |
|---|---|
| <input type="checkbox"/> Greek Revival            | <input type="checkbox"/> Spanish Colonial Revival/Mediterranean |
| <input type="checkbox"/> Gothic Revival           | <input type="checkbox"/> Tudor Revival                          |
| <input type="checkbox"/> Italianate               | <input type="checkbox"/> Craftsman/Arts & Crafts                |
| <input type="checkbox"/> Second Empire            | <input type="checkbox"/> Bungalow                               |
| <input type="checkbox"/> Romanesque Revival       | <input type="checkbox"/> Prairie Style                          |
| <input type="checkbox"/> Stick Style              | <input type="checkbox"/> Art Deco/Art Moderne                   |
| <input type="checkbox"/> Queen Anne               | <input type="checkbox"/> Rustic Style                           |
| <input type="checkbox"/> Shingle Style            | <input type="checkbox"/> International Style                    |
| <input type="checkbox"/> Colonial Revival         | <input type="checkbox"/> Northwest Style                        |
| <input type="checkbox"/> Beaux Arts/Neoclassical  | <input type="checkbox"/> Commercial Vernacular                  |
| <input type="checkbox"/> Chicago/Commercial Style | <input type="checkbox"/> Residential Vernacular (see below)     |
| <input type="checkbox"/> American Foursquare      | <input checked="" type="checkbox"/> Other (specify)             |
| <input type="checkbox"/> Mission Revival          | <input type="checkbox"/> Industrial Vernacular                  |

### Vernacular House Types

- |   |   |
|---|---|
| <input type="checkbox"/> Gable Front          | <input type="checkbox"/> Cross Gable      |
| <input type="checkbox"/> Gable Front and Wing | <input type="checkbox"/> Pyramidal/Hipped |
| <input type="checkbox"/> Side Gable           | <input type="checkbox"/> Other (specify)  |

NARRATIVE SECTION

Study Unit Themes (check one or more of the following)

<input type="checkbox"/> Agriculture	<input type="checkbox"/> Conservation	<input type="checkbox"/> Politics/Government/Law
<input type="checkbox"/> Architecture/Landscape Architecture	<input type="checkbox"/> Education	<input type="checkbox"/> Religion
<input type="checkbox"/> Arts	<input type="checkbox"/> Entertainment/Recreation	<input type="checkbox"/> Science & Engineering
<input type="checkbox"/> Commerce	<input type="checkbox"/> Ethnic Heritage (specify) _____	<input type="checkbox"/> Social Movements/Organizations
<input type="checkbox"/> Communications	<input type="checkbox"/> Health/Medicine	<input type="checkbox"/> Transportation
<input type="checkbox"/> Community Planning/Development	<input type="checkbox"/> Manufacturing/Industry	<input checked="" type="checkbox"/> Other (specify) <u>Manhattan Project/Cold War Era</u>
	<input type="checkbox"/> Military	<input checked="" type="checkbox"/> Study Unit Sub-Theme(s) <u>Health Safety, Facilities</u>
		<u>Support (Monitoring)</u>

Statement of Significance

Date of Construction	<u>1944</u>	Architect/Engineer/Builder	<u>E.I. du Pont de Nemours and Company</u>
<input checked="" type="checkbox"/>	In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.		
<input checked="" type="checkbox"/>	In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).		

Since its construction during the Manhattan Project, the 3614-A River Monitoring Station has continued to provide equipment space for monitoring the water quality of the Columbia River and for air sampling studies. The facility is one of 29 such facilities that were built in the Hanford process areas as well as in the vicinity of Pasco and Benton City to safeguard the health of Hanford personnel and nearby communities. The 3614-A Building is located along the west bank of the Columbia River in the 300 Area. As a strategic air and water sampling facility since World War II, the 3614-A Building has played an important role in environmental monitoring activities at the Hanford Site. It is therefore the conclusion of the U.S. Department of Energy that Building 3614-A is eligible for inclusion in the National Register of Historic Places under Criterion A as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

Description of Physical Appearance

The 3614-A River Monitoring Station is a single-room, 12 foot by 12 foot, steel building on a concrete foundation. The steel roof of the building has a north-south gable. The walls of the building are plywood built over a wood frame and sided with steel panels. The entrance to the building is a single, metal door on the south wall. There is a light over the door and a concrete slab in front of it. Thermostatically controlled heaters provide heat for proper operation of equipment during cold weather. The interior contains river water monitoring equipment, which has been updated during the building's history with advances in technology. The air sampling equipment is located outside on the northwest corner of the building.

Major Bibliographic References

Battelle Facilities Administration. nd. *Facilities Catalog* . PNL-MA-587. Battelle Pacific Northwest Laboratory, Richland, Washington.

Gerber, M.S. 1993. *Manhattan Project Buildings and Facilities at the Hanford Site: A Construction History* . WHC-MR-0425. Westinghouse Hanford Company. Richland, Washington.

Westinghouse Hanford Company. 1994. *300 Area Building Catalog* . Richland, Washington.